



# WU5204

## 802.11b/g/n Mini Wireless LAN USB2.0 Adapter

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### ◆ Description

The **WU5204** is an IEEE802.11b/g/n USB adapter that connects your notebook to a wireless local area. The **WU5204** fully complies with IEEE 802.11n draft 3.0 and IEEE 802.11 b/g standards, delivers reliable, cost-effective, feature rich wireless connectivity at high throughput from an extended distance.

The **WU5204** is a very small adapter that can connect notebook, handheld or desktop computer equipped with USB interface for wireless network applications. It allows you to take full advantage of your notebook's mobility with access to real-time information and online services anytime and anywhere.

### ◆ Features

- 1T1R Mode with 150Mbps PHY Rate for both
- Complies with IEEE 802.11n draft 3.0 and IEEE 802.11 b/g standards
- Supports WEP 64/128, WPA, WPA2
- Supports WMM and WMM-PS
- Supports WPS configuration
- Supports USB 2.0/1.1 interface
- Portable and mini-size design
- Compatible with Microsoft Windows Vista, XP, 2000

### ◆ Application



## ◆ Specification

<b>Standards</b>	IEEE 802.11 b/g/n standards compliant
<b>Antenna</b>	Chip antenna (2dBi) *1
<b>Supported OS</b>	Windows 2000, XP, Vista
<b>Security</b>	WEP 64/128 WPA, WPA2
<b>Frequency Range</b>	802.11b/g/n USA (FCC): 2.412GHz ~ 2.462GHz Europe (ETSI): 2.412GHz ~ 2.472 GHz Japan (TELEC): 2.412GHz ~ 2.472GHz
<b>Number of Selectable Channels</b>	802.11b/g/n: USA (FCC) 11 channels; EU (ETSI) 13 channels; Japan (TELEC) 13 channels
<b>Data Rate</b>	802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n(20MHz):MCS0~7, up to 72.22Mbps 802.11n(40MHz):MCS0~7, up to 150Mbps
<b>Transmit Power (EIRP)</b>	802.11b : 17+/-1.5 dBm (Typical) 802.11g : 13+/-1.5 dBm (Typical) Wireless-N : 13+/-1.5 dBm (Typical)
<b>Receiver Sensitivity</b>	11b 11Mbps :-76dBm 11g 54Mbps :-65dBm 11n-HT20 72.22Mbps :-62dBm 11n-HT40 150Mbps :-59dBm
<b>Physical Specifications</b>	Weight : 7.5 g Dimension : 55.50(L)*19.00(W)*8.10(H) mm
<b>Environment Specifications</b>	Operating Temp : 0°C to 45°C Storage Temp : -20°C to 70°C Operating Humidity : 10% to 90% Non-Condensing Storage Humidity : 5% to 90% Non-Condensing
<b>Power Requirement</b>	DC 5V
<b>Certifications:</b>	FCC, CE
<b>Warranty</b>	12 months